

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/731,238

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

# ***ENTERED***



IFWO

**RAW SEQUENCE LISTING**

DATE: 02/16/2005

PATENT APPLICATION: US/10/731,238

TIME: 14:08:11

Input Set : N:\Crf3\RULE60\10731238.raw.txt

Output Set: N:\CRF4\02162005\J731238.raw

**SEQUENCE LISTING**

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3 (1) GENERAL INFORMATION:
5     (i) APPLICANT: Hook, Magnus
6         Patti, Joseph M.
7         House-Pompeo, Karen L.
8         Speziale, Pietro
9         Joh, Danny
10        McGavin, Martin J.
12     (ii) TITLE OF INVENTION: FIBRONECTIN BINDING PROTEIN COMPOSITIONS
13         AND METHODS OF USE
15     (iii) NUMBER OF SEQUENCES: 105
17     (iv) CORRESPONDENCE ADDRESS:
18         (A) ADDRESSEE: Arnold, White & Durkee
19         (B) STREET: P.O. Box 4433
20         (C) CITY: Houston
21         (D) STATE: TX
22         (E) COUNTRY: USA
23         (F) ZIP: 77210-4433
25     (v) COMPUTER READABLE FORM:
26         (A) MEDIUM TYPE: Floppy disk
27         (B) COMPUTER: IBM PC compatible
28         (C) OPERATING SYSTEM: PC-DOS/MS-DOS
29         (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
31     (vi) CURRENT APPLICATION DATA:
C--> 32         (A) APPLICATION NUMBER: US/10/731,238
C--> 33         (B) FILING DATE: 10-Dec-2003
34         (C) CLASSIFICATION:
36     (vii) PRIOR APPLICATION DATA:
W--> 37         (A) APPLICATION NUMBER: US/09/010,317
38         (B) FILING DATE: 21-Jan-1998
W--> 39         (A) APPLICATION NUMBER: US 60/036,139
40         (B) FILING DATE: 21-JAN-1997
42     (viii) ATTORNEY/AGENT INFORMATION:
43         (A) NAME: Hibler, David W.
44         (B) REGISTRATION NUMBER: 41,071
45         (C) REFERENCE/DOCKET NUMBER: TAMK:189
47     (ix) TELECOMMUNICATION INFORMATION:
48         (A) TELEPHONE: 512-418-3000
49         (B) TELEFAX: 512-474-7577
52 (2) INFORMATION FOR SEQ ID NO: 1:
54     (i) SEQUENCE CHARACTERISTICS:
55         (A) LENGTH: 6 amino acids
56         (B) TYPE: amino acid

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57          (C) STRANDEDNESS:
58          (D) TOPOLOGY: linear
60      (ix) FEATURE:
61          (A) NAME/KEY: Modified-site
62          (B) LOCATION: 3..6
63          (D) OTHER INFORMATION: /note= "X = any amino acid"
65      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 67      Leu Pro Xaa Thr Gly Xaa
68          1          5
71      (2) INFORMATION FOR SEQ ID NO: 2:
73          (i) SEQUENCE CHARACTERISTICS:
74              (A) LENGTH: 10 amino acids
75              (B) TYPE: amino acid
76              (C) STRANDEDNESS:
77              (D) TOPOLOGY: linear
79      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
81      Glu Glu Asp Thr Glu Lys Asp Lys Pro Lys
82          1          5          10
85      (2) INFORMATION FOR SEQ ID NO: 3:
87          (i) SEQUENCE CHARACTERISTICS:
88              (A) LENGTH: 31 amino acids
89              (B) TYPE: amino acid
90              (C) STRANDEDNESS:
91              (D) TOPOLOGY: linear
93      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
95      Ala Asp Val Val Glu Tyr Glu Glu Asp Thr Asn Pro Gly Gly Gly Gln
96          1          5          10          15
98      Val Thr Thr Glu Ser Asn Leu Val Glu Phe Asp Glu Glu Ser Thr
99          20          25          30
102      (2) INFORMATION FOR SEQ ID NO: 4:
104          (i) SEQUENCE CHARACTERISTICS:
105              (A) LENGTH: 31 amino acids
106              (B) TYPE: amino acid
107              (C) STRANDEDNESS:
108              (D) TOPOLOGY: linear
111      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
113      Ala Asp Val Val Glu Tyr Glu Glu Asp Thr Asn Pro Pro Gly Gly Gln
114          1          5          10          15
116      Val Thr Thr Glu Ser Asn Leu Val Glu Phe Asp Glu Glu Ser Thr
117          20          25          30
120      (2) INFORMATION FOR SEQ ID NO: 5:
122          (i) SEQUENCE CHARACTERISTICS:
123              (A) LENGTH: 38 amino acids
124              (B) TYPE: amino acid
125              (C) STRANDEDNESS:
126              (D) TOPOLOGY: linear
128      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
130      Gln Asn Ser Gly Asn Gln Ser Phe Glu Glu Asp Thr Glu Glu Asp Lys
131          1          5          10          15

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133      Pro Lys Tyr Glu Gln Gly Gly Asn Ile Val Asp Ile Asp Phe Asp Ser
134              20                      25                      30
136      Val Pro Gln Ile His Gly
137              35
140 (2) INFORMATION FOR SEQ ID NO: 6:
142      (i) SEQUENCE CHARACTERISTICS:
143          (A) LENGTH: 38 amino acids
144          (B) TYPE: amino acid
145          (C) STRANDEDNESS:
146          (D) TOPOLOGY: linear
148      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
150      Gln Asn Ser Gly Asn Gln Ser Phe Glu Glu Asp Thr Glu Glu Asp Lys
151      1          5          10          15
153      Pro Lys Tyr Glu Gln Pro Gly Asn Ile Val Asp Ile Asp Phe Asp Ser
154              20                      25                      30
156      Val Pro Gln Ile His Gly
157              35
160 (2) INFORMATION FOR SEQ ID NO: 7:
162      (i) SEQUENCE CHARACTERISTICS:
163          (A) LENGTH: 38 amino acids
164          (B) TYPE: amino acid
165          (C) STRANDEDNESS:
166          (D) TOPOLOGY: linear
168      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
170      Gln Asn Lys Gly Asn Gln Ser Phe Glu Glu Asp Thr Glu Lys Asp Lys
171      1          5          10          15
173      Pro Lys Tyr Glu His Gly Gly Asn Ile Ile Asp Ile Asp Phe Asp Ser
174              20                      25                      30
176      Val Pro His Ile His Gly
177              35
180 (2) INFORMATION FOR SEQ ID NO: 8:
182      (i) SEQUENCE CHARACTERISTICS:
183          (A) LENGTH: 38 amino acids
184          (B) TYPE: amino acid
185          (C) STRANDEDNESS:
186          (D) TOPOLOGY: linear
188      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
190      Gln Asn Lys Gly Asn Gln Ser Phe Glu Glu Asp Thr Glu Lys Asp Lys
191      1          5          10          15
193      Pro Lys Tyr Glu His Pro Gly Asn Ile Ile Asp Ile Asp Phe Asp Ser
194              20                      25                      30
196      Val Pro His Ile His Gly
197              35
200 (2) INFORMATION FOR SEQ ID NO: 9:
202      (i) SEQUENCE CHARACTERISTICS:
203          (A) LENGTH: 21 amino acids
204          (B) TYPE: amino acid
205          (C) STRANDEDNESS:
206          (D) TOPOLOGY: linear

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Input Set : N:\Crf3\RULE60\10731238.raw.txt

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```

208      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
210      Lys Pro Ser Tyr Gln Phe Gly Gly His Asn Ser Val Asp Phe Glu Glu
211      1          5          10          15
213      Asp Thr Leu Pro Lys
214      20
217 (2) INFORMATION FOR SEQ ID NO: 10:
219      (i) SEQUENCE CHARACTERISTICS:
220          (A) LENGTH: 21 amino acids
221          (B) TYPE: amino acid
222          (C) STRANDEDNESS:
223          (D) TOPOLOGY: linear
225      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
227      Lys Pro Ser Tyr Gln Phe Pro Gly His Asn Ser Val Asp Phe Glu Glu
228      1          5          10          15
230      Asp Thr Leu Pro Lys
231      20
234 (2) INFORMATION FOR SEQ ID NO: 11:
236      (i) SEQUENCE CHARACTERISTICS:
237          (A) LENGTH: 19 amino acids
238          (B) TYPE: amino acid
239          (C) STRANDEDNESS:
240          (D) TOPOLOGY: linear
242      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
244      Gly Gln Asn Glu Gly Gln Gln Thr Ile Glu Glu Asp Thr Thr Pro Pro
245      1          5          10          15
247      Ile Val Pro
251 (2) INFORMATION FOR SEQ ID NO: 12:
253      (i) SEQUENCE CHARACTERISTICS:
254          (A) LENGTH: 19 amino acids
255          (B) TYPE: amino acid
256          (C) STRANDEDNESS:
257          (D) TOPOLOGY: linear
259      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
261      Gly Gln Asn Glu Gly Gln Gln Thr Ile Pro Glu Asp Thr Thr Pro Pro
262      1          5          10          15
264      Ile Val Pro
268 (2) INFORMATION FOR SEQ ID NO: 13:
270      (i) SEQUENCE CHARACTERISTICS:
271          (A) LENGTH: 22 amino acids
272          (B) TYPE: amino acid
273          (C) STRANDEDNESS:
274          (D) TOPOLOGY: linear
276      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
278      Lys Pro Ser Tyr Gln Phe Pro Gly His Asn Ser Val Asp Phe Glu Glu
279      1          5          10          15
281      Asp Thr Leu Pro Lys Val
282      20
285 (2) INFORMATION FOR SEQ ID NO: 14:
287      (i) SEQUENCE CHARACTERISTICS:

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TIME: 14:08:11

Input Set : N:\Crf3\RULE60\10731238.raw.txt

Output Set: N:\CRF4\02162005\J731238.raw

```

288      (A) LENGTH: 21 amino acids
289      (B) TYPE: amino acid
290      (C) STRANDEDNESS:
291      (D) TOPOLOGY: linear
293      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
295      Pro Pro Ser Tyr Gln Phe Gly Gly His Asn Ser Val Asp Phe Glu Glu
296      1          5          10          15
298      Asp Thr Leu Pro Lys
299      20
302 (2) INFORMATION FOR SEQ ID NO: 15:
304      (i) SEQUENCE CHARACTERISTICS:
305          (A) LENGTH: 21 amino acids
306          (B) TYPE: amino acid
307          (C) STRANDEDNESS:
308          (D) TOPOLOGY: linear
310      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
312      Lys Ala Ser Tyr Gln Phe Gly Gly His Asn Ser Val Asp Phe Glu Glu
313      1          5          10          15
315      Asp Thr Leu Pro Lys
316      20
319 (2) INFORMATION FOR SEQ ID NO: 16:
321      (i) SEQUENCE CHARACTERISTICS:
322          (A) LENGTH: 21 amino acids
323          (B) TYPE: amino acid
324          (C) STRANDEDNESS:
325          (D) TOPOLOGY: linear
327      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
329      Lys Pro Pro Tyr Gln Phe Gly Gly His Asn Ser Val Asp Phe Glu Glu
330      1          5          10          15
332      Asp Thr Leu Pro Lys
333      20
336 (2) INFORMATION FOR SEQ ID NO: 17:
338      (i) SEQUENCE CHARACTERISTICS:
339          (A) LENGTH: 21 amino acids
340          (B) TYPE: amino acid
341          (C) STRANDEDNESS:
342          (D) TOPOLOGY: linear
344      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
346      Lys Pro Ser Pro Gln Phe Gly Gly His Asn Ser Val Asp Phe Glu Glu
347      1          5          10          15
349      Asp Thr Leu Pro Lys
350      20
353 (2) INFORMATION FOR SEQ ID NO: 18:
355      (i) SEQUENCE CHARACTERISTICS:
356          (A) LENGTH: 21 amino acids
357          (B) TYPE: amino acid
358          (C) STRANDEDNESS:
359          (D) TOPOLOGY: linear
361      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/731,238

DATE: 02/16/2005  
TIME: 14:08:12

Input Set : N:\Crf3\RULE60\10731238.raw.txt  
Output Set: N:\CRF4\02162005\J731238.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos.3,6

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/731,238

DATE: 02/16/2005

TIME: 14:08:12

Input Set : N:\Cr3\RULE60\10731238.raw.txt

Output Set: N:\CRF4\02162005\J731238.raw

L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]  
L:39 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)  
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0